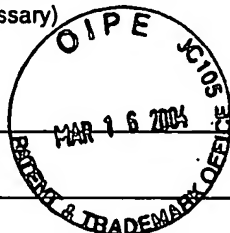


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|--|---------------------|------------|
| <b>FORM HDP-1449 (Based on Form PTO-1449)</b><br><br><b>PATENT AND TRADEMARK OFFICE</b><br><b>INFORMATION DISCLOSURE CITATION</b><br>(Use several sheets if necessary)<br><br>Sheet 1 of 2 | ATTORNEY DOCKET NO. | SERIAL NO. |
|  | 9319G-000581        | 10/691,464 |
|  | APPLICANT           |            |
|  | Nobuaki Kamiyama    |            |
|  | FILING DATE         | GROUP      |
|  | October 22, 2003    | 2853       |



| U.S. PATENT DOCUMENTS |                     |                 |      |      |                 |                              |
|-----------------------|---------------------|-----------------|------|------|-----------------|------------------------------|
| Ref. Desig.           | Examiner's Initials | Document Number | Date | Name | Class/ Subclass | (If appropriate) Filing Date |
| 1.                    |                     |                 |      |      |                 |                              |

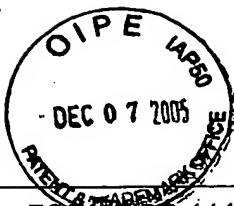
| FOREIGN PATENT DOCUMENTS |                     |                 |           |         |                 |               |    |
|--------------------------|---------------------|-----------------|-----------|---------|-----------------|---------------|----|
| Ref. Desig.              | Examiner's Initials | Document Number | Date      | Country | Class/ Subclass | Translation * |    |
|                          |                     |                 |           |         |                 | Yes           | No |
| 1.                       | <i>[Signature]</i>  | 2002-192740     | July/2002 | Japan   |                 |               | X  |
| 2.                       | <i>[Signature]</i>  | 2002-079693     | Mar/2002  | Japan   |                 |               | X  |
| 3.                       | <i>[Signature]</i>  | 2001-212970     | Aug/2001  | Japan   |                 |               | X  |
| 4.                       | <i>[Signature]</i>  | 2000-343686     | Dec/2000  | Japan   |                 |               | X  |

| OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.) |                     |  |
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| Ref. Desig.  | Examiner's Initials |  |
| 1.   | <i>[Signature]</i>  | Patent Abstract of Japan 2002-192740 (2 pages) |
| 2.   | <i>[Signature]</i>  | Patent Abstract of Japan 2002-079693 (2 pages) |
| 3.   | <i>[Signature]</i>  | Patent Abstract of Japan 2001-212970 (2 pages) |
| 4.   | <i>[Signature]</i>  | Patent Abstract of Japan 2000-343686 (2 pages) |

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|                              |                          |
|------------------------------|--------------------------|
| Examiner: <i>[Signature]</i> | Date Considered: 2/24/00 |
|------------------------------|--------------------------|

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| ATTORNEY DOCKET NO. | SERIAL NO. |
| 9319G-000581        | 10/691,464 |
| APPLICANT           |            |
| Nobuaki KAMIYAMA    |            |
| FILING DATE         | GROUP      |
| October 22, 2003    | 2861       |

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| 1.          |                     |                 |      |      |                 |                              |

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| Ref. Desig. | Examiner's Initials | Document Number | Date       | Country | Class/ Subclass | Translation *<br>Yes No |  |
|-------------|---------------------|-----------------|------------|---------|-----------------|-------------------------|--|
| 1.          | <i>Am</i>           | 11-014820       | 1/22/1999  | Japan   |                 | X                       |  |
| 2.          | <i>Am</i>           | 2000-284113     | 10/13/2000 | Japan   |                 | X                       |  |

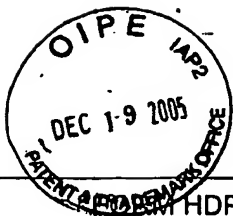
**OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.)**

| Ref. Desig. | Examiner's Initials |  |
|-------------|---------------------|--|
| 1.          | <i>Am</i>           | Communication from Korean Patent Office regarding counterpart application. |

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|                     |                          |
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| Examiner: <i>Am</i> | Date Considered: 2/24/04 |
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| ATTORNEY DOCKET NO. | SERIAL NO. |
| 9319G-000581        | 10/691,464 |
| APPLICANT           |            |
| Nobuaki KAMIYAMA    |            |
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|-------------|---------------------|-----------------|-----------|---------|-----------------|-------------------------|
| 1.          | <i>[Signature]</i>  | 2001-015022     | Jan/2001  | Japan   |                 | X                       |
| 2.          | <i>[Signature]</i>  | 2000-048716     | Feb/2000  | Japan   |                 | X                       |
| 3.          | <i>[Signature]</i>  | 11-188853       | July/1999 | Japan   |                 | X                       |
| 4.          | <i>[Signature]</i>  | 08-281174       | Oct/1996  | Japan   |                 | X                       |
| 5.          | <i>[Signature]</i>  | 04-269549       | Sept/1992 | Japan   |                 | Abstract                |

**OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.)**

| Ref. Desig. | Examiner's Initials |  |
|-------------|---------------------|--|
| 1.          | <i>[Signature]</i>  | Communication from Japanese Patent Office regarding related application. |

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Examiner: *[Signature]* Date Considered: 2/24/04

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